

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/562,309
Source: JFWP
Date Processed by STIC: 01/10/2006

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IFWP

RAW SEQUENCE LISTING

DATE: 01/10/2006

PATENT APPLICATION: US/10/562,309

TIME: 09:07:45

Input Set : A:\Sequence Listing.txt

Output Set: N:\CRF4\01102006\J562309.raw

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3 <110> APPLICANT: Agrinomics LLC
5 <120> TITLE OF INVENTION: GENERATION OF PLANTS WITH IMPROVED DROUGHT TOLERANCE
7 <130> FILE REFERENCE: 6616-72616-02
C--> 9 <140> CURRENT APPLICATION NUMBER: US/10/562,309
C--> 9 <141> CURRENT FILING DATE: 2005-12-22
9 <150> PRIOR APPLICATION NUMBER: 60/482,075
10 <151> PRIOR FILING DATE: 2003-06-24
12 <150> PRIOR APPLICATION NUMBER: PCT/US04/20323
13 <151> PRIOR FILING DATE: 2004-06-23
W--> 15 <150> PRIOR APPLICATION NO: PCT/US
16 <151> PRIOR FILING DATE: 2003-06-24
18 <160> NUMBER OF SEQ ID NOS: 2
20 <170> SOFTWARE: PatentIn version 3.2
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 948
24 <212> TYPE: DNA
25 <213> ORGANISM: Arabidopsis thaliana
27 <400> SEQUENCE: 1
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30 gctagtaaaa ggaaaggaaa ataaaaagga cttgtgtggt agaaaaggaa gatgagcagt      120
32 agcggaaaacc ctacgagcag cagcgggtgga ggaggaggac cgtgcggcgc gtgcaagttc      180
34 ttgagaagga agtgtgtcgc tggctgcatc ttcgctcctt actttgactc cgagcaagga      240
36 gcggcgcact tcgcggcggt tcacaaggtg ttcggagcga gcaacgtctc caaactcctc      300
38 caccatgttc ccgagcataa acgaccagac gccgtcgttt caatctgctt tgaggctcaa      360
40 gctcgtctca gagaccctat ctacggctgc gtctctcaca tcgtctctct tcagcaacag      420
42 gtggtaagtt tgcaaaactga gctttcataat ctacaagcac acttagcaac tctagagctg      480
44 ccacaacctc aaccaccaca ggttccgggtg tcatcttcag gatctctaca ggctctttcc      540
46 ataacggacc tcccaacaat atcaccgtcg gtgtacgacc tctcctccat cttcgagccg      600
48 gtcattgtcct cactttgggc catgcagcaa caaccacgac cgtctgatca tctcttcggc      660
50 gtcccgtcat cgtccaatat gggcggaggc ggtgagctcc aagcactggc gcgtgagttt      720
52 attcacgggtg ggcaaatgcc agctcagcca tcgccgggaa ccagtggttc tgcctcgtca      780
54 gtgataaaac gagaatgaag ttatttttat cgtatgtttg tttatttgga ccgtaagaga      840
56 tctatagtta gccatatgtt tctccttgta atatatatac ttggtcgaat tcgtatttaa      900
58 attgttgtct agaatgttaa tataagaact atatgattta cattgatt      948
61 <210> SEQ ID NO: 2
62 <211> LENGTH: 228
63 <212> TYPE: PRT
64 <213> ORGANISM: Arabidopsis thaliana
66 <400> SEQUENCE: 2
68 Met Ser Ser Ser Gly Asn Pro Ser Ser Ser Ser Gly Gly Gly Gly Gly
69 1          5          10          15
72 Pro Cys Gly Ala Cys Lys Phe Leu Arg Arg Lys Cys Val Ala Gly Cys
73          20          25          30

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76 Ile Phe Ala Pro Tyr Phe Asp Ser Glu Gln Gly Ala Ala His Phe Ala
77      35              40              45
80 Ala Val His Lys Val Phe Gly Ala Ser Asn Val Ser Lys Leu Leu His
81      50              55              60
84 His Val Pro Glu His Lys Arg Pro Asp Ala Val Val Ser Ile Cys Phe
85 65              70              75              80
88 Glu Ala Gln Ala Arg Leu Arg Asp Pro Ile Tyr Gly Cys Val Ser His
89      85              90              95
92 Ile Val Ser Leu Gln Gln Gln Val Val Ser Leu Gln Thr Glu Leu Ser
93      100             105             110
96 Tyr Leu Gln Ala His Leu Ala Thr Leu Glu Leu Pro Gln Pro Gln Pro
97      115             120             125
100 Pro Gln Val Pro Val Ser Ser Ser Gly Ser Leu Gln Ala Leu Ser Ile
101      130             135             140
104 Thr Asp Leu Pro Thr Ile Ser Pro Ser Val Tyr Asp Leu Ser Ser Ile
105 145             150             155             160
108 Phe Glu Pro Val Met Ser Ser Thr Trp Ala Met Gln Gln Gln Pro Arg
109      165             170             175
112 Pro Ser Asp His Leu Phe Gly Val Pro Ser Ser Ser Asn Met Gly Gly
113      180             185             190
116 Gly Gly Glu Leu Gln Ala Leu Ala Arg Glu Phe Ile His Gly Gly Gln
117      195             200             205
120 Met Pro Ala Gln Pro Ser Pro Gly Thr Ser Gly Ser Ala Ser Ser Val
121      210             215             220
124 Ile Lys Arg Glu
125 225

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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/562,309

DATE: 01/10/2006

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Input Set : A:\Sequence Listing.txt

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L:9 M:270 C: Current Application Number differs, Replaced Current Application No

L:9 M:271 C: Current Filing Date differs, Replaced Current Filing Date

L:15 M:288 W: Application Number is Repeated, <150> PRIOR APPLICATION NUMBER